

ABSTRACT OF THE DISCLOSURE

The invention relates to an output power controlling apparatus and method for an internal combustion engine for reducing a vibration (acceleration shock) upon pedaling of an accelerator pedal or a vibration (shift shock) upon speed changing operation and makes it possible to suppress a vibration upon pedaling of an accelerator pedal or upon speed changing operation with a simple configuration. The output power controlling apparatus for an internal combustion engine controls operation of an output power adjustment member based on a target torque correlation value and comprises a vibration component prediction section for predicting a vibration component to be generated on a vehicle from the target torque correlation value using a predetermined prediction model, and a feedback correction section for feedback correcting the target torque correlation value based on the vibration component predicted by the vibration component prediction section so as to suppress the vibration.